

# EAST Search History -DRL -9/6/07

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(("7198841") or ("5093309") or ("5637432") or ("5244542") or ("4834910") or ("5432000")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/06 12:25
L2	12	pigment with surface with dry with powder with (electrostatic or waals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:25
L3	38	(pigment with (web or paper)) and binderless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:25
L4	797	pigment and fiber and (web or paper or sheet or board) and ((no" or "not" or without) near3 binder) and ("nm " or nanometers or nanoparticles)(pigment with (web or paper)) and binderless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:25
L5	162	binderless with coating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:26
L6	106	I5 and (paper or fiber or web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:26
L7	36	pigment with (optional adj3 binder) with (paper or fiber or web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:26
L8	797	(pigment with coating) and waals	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:26
L9	164	I8 and (powder near5 coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:27

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L10	155	I9 and (particle near3 (size or diameter or dimension))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:27
L11	146	I10 and (paper or fiber or sheet or web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:27
S1	33	("2740184" "2920987" "3395042" "3523319" "3536528" "3670203" "3781105" "3879785" "3943049" "3959690" "4133894" "4405342" "4454621" "4677704" "4727614" "4835808" "4941224" "4955991" "5100440" "5110324" "5138971" "5180404" "5211760" "5257079" "5421901" "5585426" "6143064" "6287368").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:39
S2	1	("6680086").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 15:17
S3	66	nissinen-vilho.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 15:08
S4	1	("6571581").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/01 15:02
S5	1	("6311410").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/01 15:18
S6	8	((("6238784") or ("5637432") or ("5432000") or ("5244542") or ("5093309") or ("4834910") or ("3166432"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/03 10:12
S7	1	("3861863").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/01 15:48
S8	4138	(162/158,162,181.2,181.4,183,184).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 16:03
S9	422	(106/464).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 16:04

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S10	1331	(118/621,623,630,638).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 16:05
S11	5446	(427/460,474,496,508,513,538,562, 190,180,361,366).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 16:06
S12	11162	S8 or S9 or S10 or S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 16:06
S13	0	EP-0791685-\$ did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 07:28
S14	1	("6130185").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 07:29
S15	0	EP-0524415-\$ did.	EPO; DERWENT	OR	ON	2006/03/02 07:35
S16	0	"EP-0524415"	EPO; DERWENT	OR	ON	2006/03/02 07:35
S17	2	EP-524415-\$ did.	EPO; DERWENT	OR	ON	2006/03/02 07:37
S18	2	EP-791685-\$ did.	EPO; DERWENT	OR	ON	2006/03/02 07:37
S19	2	WO-9623728-\$ did.	EPO; DERWENT	OR	ON	2006/03/02 09:33
S20	0	FI-973775-\$ did.	EPO; DERWENT	OR	ON	2006/03/02 08:47
S21	2	WO-9811999-\$ did.	EPO; DERWENT	OR	ON	2006/03/03 10:08
S22	1	1998-217088.NRAN.	DERWENT	OR	ON	2006/03/02 09:34
S23	26453	coating and (electrostatic or (ion adj blast\$3) or corona) and (particle or particulate or powder) and (particle adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 10:58
S24	8	coating and (ion adj blast\$3) and (particle or particulate or powder) and (particle adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 10:52

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S25	0	FI-991438-\$.did.	EPO; DERWENT	OR	ON	2006/03/02 10:53
S26	0	FI-991742-\$.did.	EPO; DERWENT	OR	ON	2006/03/02 10:55
S27	1	("4296142").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 10:55
S28	6485	coating and (corona adj discharge) and (particle or particulate or powder) and (particle adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:10
S29	6	S28 and ion adj blast\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:10
S30	0	S28 and ionic adj blast\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:10
S31	5592	S28 and (paper or web or cellulos\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:11
S32	5116	S31 and (calcium adh (oxide or hydroxide or carbonate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:12
S33	2180	S31 and (calcium adj (oxide or hydroxide or carbonate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:12
S34	2063	S31 and (calcium adj carbonate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:13
S35	156	S33 and "precipitated calcium carbonate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 12:13

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S36	336	S31 and (electromagnetic adj radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:57
S37	74	S33 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:29
S38	490	S28 and brush\$3 and friction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 12:00
S39	5	S35 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 12:01
S40	1417	coating and "precipitated calcium carbonate" and "particle size" and (paper or cellulos\$2 or web or sheet or paperboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 12:14
S41	371	coating with "precipitated calcium carbonate" and "particle size" and (paper or cellulos\$2 or web or sheet or paperboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/06 12:24
S42	32	S41 and "calcium hydroxide" and "calcium oxide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 12:15
S43	1	("5138971").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 14:20
S44	1	("4133894").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 14:20
S45	2	WO-9518885-\$ did.	EPO; DERWENT	OR	ON	2006/03/02 14:22
S46	5451	paper and (pigment same (particle adj size)) and (filler or coat\$3)	USPAT	OR	ON	2006/03/02 14:23
S47	269	S46 and precipitated adj calcium adj carbonate	USPAT	OR	ON	2006/03/02 15:44
S48	5451	paper and (pigment same (particle adj size)) and (filler or coat\$3)	USPAT	OR	ON	2006/03/02 15:46

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S49	269	S48 and precipitated adj calcium adj carbonate	USPAT	OR	ON	2006/03/02 15:44
S50	83	S49 and (papermaking or (making adj paper)) and method	USPAT	OR	ON	2006/03/02 15:44
S51	56	paper and (pigment same (particle near2 diameter)) and (filler or coat\$3) and "precipitated calcium carbonate" and (papermaking or (making near paper)) and (method or process)	USPAT	OR	ON	2006/03/02 15:47
S52	1	("5637432").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/03 12:05
S53	6	deinking and (calcium adj carbonate) and ((gas adj phase) near2 react\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:13
S54	41	sludge and (calcium adj carbonate) and ((gas adj phase) near2 react\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:24
S55	40	((calcium adj (oxide or hydroxide)) with (paper or web or sheet)) and (precipitated with carbon adj dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 12:26
S56	6485	coating and (corona adj discharge) and (particle or particulate or powder) and (particle adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:04
S57	490	S56 and brush\$3 and friction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:04
S58	1	("20040074620").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/11 12:21
S59	400	(corona adj discharge) and (surface adj charge) and (alter or modify)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:40
S60	400	(corona adj discharge) and (surface adj charge) and (alter or modify)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:40

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S61	220	(corona adj discharge) with (surface adj charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:40
S62	1	("6680086").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 10:42
S63	1	S62 and (cellulos\$2 adj (web or fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:41
S64	6	S61 and (cellulos\$2 adj (web or fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:41
S65	48	(electrolytic) with (surface adj charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:42
S66	20	(alum) with (surface adj charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:42
S67	18	((("6680086") or ("6558456") or ("6589388") or ("6461671") or ("6511581") or ("6251477") or ("6106902") or ("6063449") or ("5674551") or ("6123770")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/16 10:42
S68	229	((ion adj blast) or (corona adj discharge)) with (particle or pigment or coating) with (web or fibrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:43
S69	17	((ion adj blast) or (corona adj discharge)) with (particle or pigment or coating) with (fibrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:43
S70	69	(((ion adj blast) or (corona adj discharge)) with (particle or pigment) with (web or mat or fibrous)) and coating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:43

## EAST Search History

S71	151	((calcium adj carbonate) with coat\$3 with paper) and electrostatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:43
S72	27	((calcium adj carbonate) with coat\$3 with paper) and (surface adj charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:44
S73	513	((calcium adj carbonate) with surface with coat\$3) and (web or fibrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:44
S74	277	S73 and (liner or writing or printing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:45
S75	387	S73 and (surface near2 coat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:45
S76	8	("5637432") or ("5432000") or ("6238784") or ("5093309").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/16 10:46
S77	37	((paper or web or mat) with (fine adj particle) with (calcium adj carbonate) with coat\$3) and (print\$3 or graphic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/16 10:46
S78	1	("6413591").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 14:41
S79	1	WO-200003092-\$ did.	EPO; DERWENT	OR	ON	2007/04/02 15:34
S80	2	WO-9732934-\$ did.	EPO; DERWENT	OR	ON	2007/04/02 15:42
S81	2	WO-9518885-\$ did.	EPO; DERWENT	OR	ON	2007/04/02 15:43
S82	3	("4133894").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/02 15:43

## EAST Search History

S83	2	WO-9846829-\$.did.	EPO; DERWENT	OR	ON	2007/04/02 16:03
S84	1	WO-8503386-\$.did.	EPO; DERWENT	OR	ON	2007/04/02 16:04
S85	2	WO-8503316-\$.did.	EPO; DERWENT	OR	ON	2007/04/02 16:05
S86	3	(("3119708") or ("5503968")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 16:08
S87	3	(("3674529") or ("3661610")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 16:08
S88	1	("6413591").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 08:35